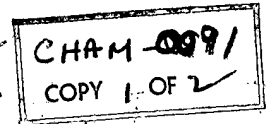


SECRET*Jim [signature]*

November 3, 1958

25X1

To: [redacted]

Subject: Amendment 2 to Contract NOas 58-812

25X1

[redacted] of Fort Worth after consultation with your technical people called me on the telephone and informed me that the Fort Worth Task through November 12 would cost \$60,000 exclusive of fixed fee and exclusive of the MIT Purchase Order. He further informed me that with respect to the MIT Purchase Order, certain additional work had been added, and the face value of this Purchase Order might increase approximately \$2,000.

I am informed that the Fort Worth costs include all charges necessary for manpower, overhead, engineering and other charges including a \$1,000 allowance for work to be accomplished at San Diego. It is hoped that the foregoing will be of assistance to you for planning purposes.

25X1

[redacted]

25X1

Contracts Coordinator ✓

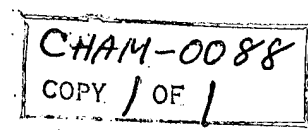
[redacted]

*Now
55-100 Prop Sec*

02:1 PM 9 NOV 1958

SECRET

Page Denied



October 15, 1958

STAT

To:

A rectangular box with a thin black border, used to redact information.

Subject: Contract NOas 58-812

Submitted herewith are three copies of proposed work statement and cost estimate pursuant to your request. It would be appreciated if appropriate contractual amendment covering this task could be received in the near future covering costs commencing from 2 October 1958, the date of commencement of work.

STAT

A large rectangular box with a thin black border, used to redact a signature or name.

Contracts Coordinator/

Incl. - 3

SUPER H CONCEPT STUDY

Encl. # 1 to
CHAM-0088
COPY 1 OF 3

Purpose

The contractor will conduct the necessary preliminary design studies to evaluate the potentialities of the Super Hustler concept as a high performance reconnaissance system.

Performance Requirements

	Minimum	Desired
Altitude at start of cruise		
Range		
Speed	Mach 2	Mach 2 - 4
Payload	500 lbs.	500 lbs. plus
Scope		

12 Nov.
The preliminary technical analysis and report shall be completed for review by the week of 3 November 1958. A formal report shall be submitted prior to 1 December 1958 and shall contain additional technical analysis of any specific problem developed by the review. No progress reports or letters shall be required.

Approach

1. High performance of the system shall be maintained throughout the study. Every effort shall be made to achieve or exceed the desired performance requirements.
2. Studies shall be conducted to minimize the detection of the reconnaissance vehicle from the ground. Specifically these studies shall include designs which minimize radar cross section. Preliminary experimental techniques employing scaled models of the vehicle shall be used as an aid in determining this characteristic.
3. Investigations to increase mission success and reconnaissance system reliability shall be made. These investigations shall cover such items as the effect of design Mach number, cruise fuel-air ratio, one engine out cruise, and etc.

C O N V A I R
FORT WORTH DIVISION

ENCLOSURE (A)

4. Studies shall be conducted to support various design configurations. These shall include but not be limited to:
 - a. Aerodynamic analysis
 - b. Thermodynamic analysis
 - c. Structural analysis
 - d. Electronic systems analysis
 - e. Component systems analysis
 - f. Design development
5. Theoretical analysis shall be substantiated by experimental results where possible.

C O N V A I R
F O R T W O R T H D I V I S I O N

ENCLOSURE (B)

Encl. #2 to
CHAM-0088
COPY 1 OF 3

COST ESTIMATE
SUPER H CONCEPT STUDY
10 October 1958

	Hours	Rate	Amount
Engineering Direct Labor	3540	\$5.45	\$19,293
Engineering Overhead		2.45	8,673
Engineering Direct Charges			
a) IBM (10 hours)		\$2000	
b) Travel		2500	
c) Other charges		<u>\$ 245</u>	
			4,745
			\$32,711
Fee			2,289
Total Cost Including Fee			\$35,000 ←
			\$40,000

Oct 2

Convair F+ Worth Div is to conduct preliminary design studies of higher performance reconnaissance vehicles based upon the Super Hustler concept. The Super Hustler type vehicle performance should be at least:

	min	Desired
altitude @ start of cruise	85,000'	90,000'
range	3,500	4,000+
speed:	Mach 2	2-4
pay load	500 lbs	500 +

Convair is not restricted to consideration of staged vehicle to accomplish the mission in the event that alternate concepts appear feasible.

Convair is to present an informal summary of work accomplished by on or about 3 Nov. 58. Additional studies of selected specific problems may be accomplished and final report will be completed by 1 Dec